Name of Work: Construction of RCC Culverts at Right Side Cross Roads of 1st Main Road of 1st Main Road Kuvempu Nagara in Ward No.05

Pre Measurements

Pre measurement recorded on:

Item No	Description of Item	No	L	B	D	Qty
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification					
	For RCC Drain					
	Sapthagiri Layout					
	Cross Road-1					
	RHS					
		1	28.20	1.10	1.00	31.02
		1	27.80	1.10	1.00	30.58
		1	15.30	1.10	1.00	16.83
						78.43
	LHS					
		1	9.00	1.10	1.00	9.90
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	10.50	1.10	1.00	11.55
						87.45
	Cross Road-2					
	RHS					
		1	9.00	1.10	1.00	9.90
		1	30.00	1.10	1.00	33.00
		1	16.10	1.10	1.00	17.71
		1	18.00	1.10	1.00	19.80
						80.41
	LHS					
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	4.50	1.10	1.00	4.95
		1	18.00	1.10	1.00	19.80
						90.75
	Cross Road-3					
	RHS					
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	4.00	1.10	1.00	4.40
						70.4
	LHS					
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	4.00	1.10	1.00	4.40
						70.4
	Cross Road-4					
	RHS					
		1	30.00	1.10	1.00	33.00

510.84

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Item No	Description of Item	No	L	B	D	Qty
		1	30.00	1.10	1.00	33.00
		1	26.50	1.10	1.00	29.15
	LHS					
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	4.50	1.10	1.00	4.95
	Cross Road-5					133.1
	RHS					
		1	4.60	1.10	1.00	5.06
		1	17.80	1.10	1.00	19.58
		1	17.00	1.10	1.00	18.70
		1	21.60	1.10	1.00	23.76
		1	27.50	1.10	1.00	30.25
	LHS					97.35
		1	30.00	1.10	1.00	33.00
		1	30.00	1.10	1.00	33.00
		1	10.30	1.10	1.00	11.33
		1	13.00	1.10	1.00	14.30
		1	23.50	1.10	1.00	25.85
	Kuvempunagara 4th B Cross					117.48
	LHS					
		1	30.00	1.10	1.00	33.00
		1	11.00	1.10	1.00	12.10
	For RCC Culverts					
	Cross Road -1, Culvert - 1	1	6.20	2.00	1.00	12.40
	Cross Road -1, Culvert - 2	1	6.20	2.00	1.00	12.40
	Cross Road -2, Culvert - 3	1	6.80	2.00	1.00	13.60
	Cross Road -3, Culvert - 4	1	6.00	2.00	1.00	12.00
					Present Qty=	**954.27**

443.43

Assistant Engineer
Ward No.05

Assistant Executive Engineer
Byrarayanapura Sub-Division

2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.					
	For RCC Drain					
	Sapthagiri Layout					
	Cross Road-1					
	RHS					
		1	28.20	1.10	0.15	4.65
		1	27.80	1.10	0.15	4.59

9.24

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Item No	Description of Item	No	L	B	D	Qty
	LHS	1	15.30	1.10	0.15	2.52
		1	9.00	1.10	0.15	1.49
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95
		1	10.50	1.10	0.15	1.73
	Cross Road-2					
	RHS					
		1	9.00	1.10	0.15	1.49
		1	30.00	1.10	0.15	4.95
		1	16.10	1.10	0.15	2.66
		1	18.00	1.10	0.15	2.97
	LHS					
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95
		1	4.50	1.10	0.15	0.74
		1	18.00	1.10	0.15	2.97
	Cross Road-3					
	RHS					
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95
		1	4.00	1.10	0.15	0.66
	LHS					
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95
		1	4.00	1.10	0.15	0.66
	Cross Road-4					
	RHS					
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95
		1	26.50	1.10	0.15	4.37
	LHS					
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95
		1	4.50	1.10	0.15	0.74
	Cross Road-5					
	RHS					
		1	4.60	1.10	0.15	0.76
		1	17.80	1.10	0.15	2.94
		1	17.00	1.10	0.15	2.81
		1	21.60	1.10	0.15	3.56
		1	27.50	1.10	0.15	4.54
	LHS					
		1	30.00	1.10	0.15	4.95
		1	30.00	1.10	0.15	4.95

Scanned with CamScanner

	Description of Item	No	L	B	D	Qty
		1	10.30	1.10	0.15	1.70
		1	13.00	1.10	0.15	2.15
		1	23.50	1.10	0.15	3.88
	Kuvempunagara 4th B Cross					
	LHS					
		1	30.00	1.10	0.15	4.95
		1	11.00	1.10	0.15	1.82
	For RCC Culverts					
	Cross Road -1, Culvert - 1	1	6.20	1.80	0.15	1.67
	Cross Road -1, Culvert - 2	1	6.20	1.80	0.15	1.67
	Cross Road -2, Culvert - 3	1	6.80	1.90	0.15	1.94
	Cross Road -3, Culvert - 4	1	6.00	1.80	0.15	1.62
			Present Qty=		**Cum**	**142.49**

Assistant Engineer
Ward-No.05

Assistant Executive Engineer
Byatarayanapura Sub-Division

4	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications					
a	**Sapthagiri Layout**					
	For RCC Drain					
	Cross Road-1					
	RHS					
	Total length of drain = 71.30 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	572	2.30	0.62	815.67
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	71.30	0.62	839.91
	Cross Road-1					
	LHS					
	Total length of drain = 79.50 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	638	2.30	0.62	909.79
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	79.50	0.62	936.51

3501.88

Scanned with CamScanner

No	Description of Item	No	L	B	D	Qty
	Cross Road-2					
	RHS					
	Total length of drain = 73.10 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	587	2.30	0.62	837.06
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	73.10	0.62	861.12
	Cross Road-2					
	LHS					
	Total length of drain = 82.50 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	662	2.30	0.62	944.01
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	82.50	0.62	971.85
	Cross Road-3					
	RHS					
	Total length of drain = 64.00 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	514	2.30	0.62	732.96
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	64.00	0.62	753.92
	Cross Road-3					
	LHS					
	Total length of drain = 64.00 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	514	2.30	0.62	732.96
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	64.00	0.62	753.92
	Cross Road-4					
	RHS					
	Total length of drain =86.50Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	694	2.30	0.62	989.64

7577.44

Scanned with CamScanner

	Description of Item	No	L	B	D	Qty
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	86.50	0.62	1018.97
	Cross Road-4					
	LHS					
	Total length of drain = 64.50 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	518	2.30	0.62	738.67
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	64.50	0.62	759.81
	Cross Road-5					
	RHS					
	Total length of drain = 88.50 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	710	2.30	0.62	1012.46
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	88.50	0.62	1042.53
	Cross Road-5					
	LHS					
	Total length of drain = 106.80 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	856	2.30	0.62	1220.66
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	106.80	0.62	1258.10
	Kuvempunagara 4th B Cross					
	LHS					
	Total length of drain = 41.00 Mtr					
	Main Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	330	2.30	0.62	470.58
	Distrubution Bars 10mm dia@.125mm c/c					
	0.62kg/mtr	1	19	41.00	0.62	482.98
2	**For RCC Culvert**					
	Cross Road -1, Culvert - 2					
	Total length of Culvert = 6.20 Mtr					8004.76
	Main Bars 12mm dia@.125mm c/c, Double Mat					8004.76

Scanned with CamScanner

No	Description of Item	No	L	B	D	Qty
	0.89kg/mtr	2	58	2.50	0.89	258.10
	Distrubution Bars 10mm dia@.125mm c/c, Double Mat					
	0.62kg/mtr	2	23	6.20	0.62	176.82
	Cross Road -1, Culvert - 2					
	Total length of Culvert = 6.20 Mtr					
	Main Bars 12mm dia@.125mm c/c, Double Mat					
	0.89kg/mtr	2	58	2.50	0.89	258.10
	Distrubution Bars 10mm dia@.125mm c/c, Double Mat					
	0.62kg/mtr	2	23	6.20	0.62	176.82
	Cross Road -2, Culvert - 3					
	Total length of Culvert = 6.80 Mtr					
	Main Bars 12mm dia@.125mm c/c, Double Mat					
	0.89kg/mtr	2	58	3.00	0.89	
	Distrubution Bars 10mm dia@.125mm c/c, Double Mat					
	0.62kg/mtr	2	26	6.80	0.62	219.23
	Cross Road -3, Culvert - 4					
	Total length of Culvert = 6.00 Mtr					
	Main Bars 12mm dia@.125mm c/c, Double Mat					
	0.89kg/mtr	2	56	2.50	0.89	249.20
	Main Bars 12mm dia@.125mm c/c, Double Mat					
	0.62kg/mtr	2	23	6.20	0.62	176.82
						20908.92
		Present Qty=		**Tonne**		**20.91**

24/5/20

Assistant Engineer
Ward No.05

Assistant Executive Engineer
Bytarayanapura Sub-Division

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